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I, JULIE BILLINGSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. 2003905847 for a patent by TIMOTHY EDWARD MILVERTON and PETER GOWRIE-SMITH as filed on 23 October 2003.



WITNESS my hand this
Fifth day of November 2004

A handwritten signature in cursive script, reading "J. Billingsley".

JULIE BILLINGSLEY
TEAM LEADER EXAMINATION
SUPPORT AND SALES

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Patents Act 1990

PROVISIONAL SPECIFICATION FOR THE INVENTION ENTITLED:

METHOD OF PRINTING LABELS ONTO A SURFACE

This invention is described in the following statement:-

This invention relates to labels and more particularly to a method of printing labels onto the upper surface of a CD or DVD.

Consumers often wish to label CD or DVD's but printing errors are a problem and only expensive printers can label directly onto a CD or DVD and
5 even these expensive printers have some problems centering correctly. Misprinting will occur and give rise to border errors that are unattractive.

Hitherto, consumers often cut the borders of misprinted photos but this is not possible with CD's or DVD's and thus there is a need for a simple and effective solution to the problem of misprinting a label onto a CD or DVD.

10 According to one aspect of the invention there is provided a CD or DVD having a blank printable label or membrane thereon, the label having an inner periphery with an adjacent inner border and an outer periphery with an adjacent outer border, the inner and outer borders being removable from the CD or DVD.

15 In use, the desired material is printed onto the label within the confines of the inner and outer peripheries with the inevitable result that some of the material is printed onto the inner and outer borders. The borders are then removed so that the remaining printed material presents a symmetrical printed label.

20 According to another aspect of the invention there is provided a label for the upper surface of a CD or DVD, the removable label comprising a membrane having a printable surface and an obverse adhesive surface, an inner periphery with an adjacent inner border and an outer periphery with an adjacent outer border, the inner and outer borders being separable from the
25 main part of the label.

In order that the invention may be more readily understood and put into practical effect, reference will now be made to the accompanying drawings in which:-

- 5 Fig. 1 is a top plan of a CD having a label thereon according to one embodiment of the invention upon which material has been asymmetrically printed,
- Fig. 2 is an enlarged view of the outer periphery of the CD shown in Fig. 1,
- 10 Fig. 3 is a partial side elevational view of the central portion of the CD shown in Fig. 1, showing the removal tab,
- Fig. 4 is a partial side elevational view of the outer portion of the CD shown in Fig. 1 showing the removal tab, and
- Fig. 5 is a top plan view of the CD shown in Fig. 1 with both borders removed.

15 The CD 10 shown in the drawings has a printed label or membrane 11 on its substrate or upper surface. The label 11 has an inner periphery 12 having an adjacent inner border 13 and an outer periphery 14 having an adjacent outer border 15. The inner border 13 has a tab 16 and the outer border 15 has a tab 17.

20 The tabs 16 and 17 allow for easy removal of the borders 13 and 15. A circumferential score line or perforation may be provided between the borders and the main portion of the label or membrane 11 to establish a mechanical weakness allowing for a guided tear-off of the borders.

25 The intended placement of the select removable membrane is upon the upper surface of a CD or DVD post conventional construction. Conventional construction consists of a polymer substrate upon which is layered the

necessary chemicals to allow for 'burning' of data, followed by a reflective layer, usually aluminium.

5 Either the membrane or label itself accommodates the printing dye (for example ink-jet ink) or a printable coating is applied either before or after the membrane is applied.

 The membrane 11 is adhered to the upper surface of the CD 10 in any convenient way by any convenient adhesive which will allow for the easy removal of the inner and outer borders leaving the main portion of the membrane intact.

10 In one form of the invention, the tabs 16 and 17 are detachable from the borders so that the tabs may be removed if the borders are to remain.

 After the required material has been printed onto the label or membrane 11 as shown in Fig. 1, the inner and outer borders 13 and 15 are removed by pulling the tabs 16 and 17 respectively. When the borders are removed, the
15 remaining printed material on the label 11 presents a symmetrical printed label as shown in Fig. 5.

 The use of a CD with the removable borders selected as appropriate is a solution to current label printing errors.

20 The removable borders have a secondary benefit that users can more confidently target the placement of the printed material within the edges of the CD thus removing the need for overprinting beyond the edge simply to achieve a symmetrical print. As a result, misprinted ink ends up on the removable borders not on the substrate or the hardware of the device that is holding the CD - for example the printer.

Various modifications may be made in details of design and application of the invention without departing from the scope and ambit of the invention.

Dated this 22 day of October 2003

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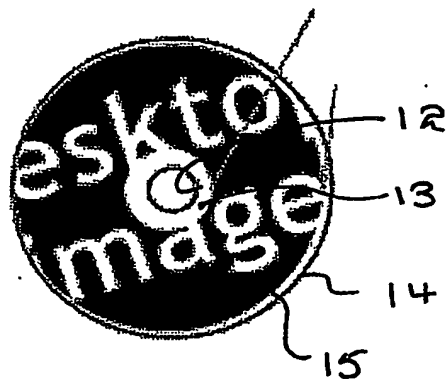


Fig. 1

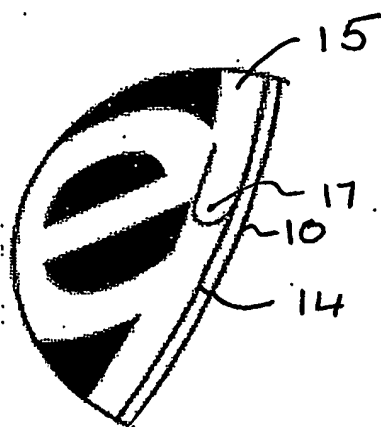


Fig. 2.

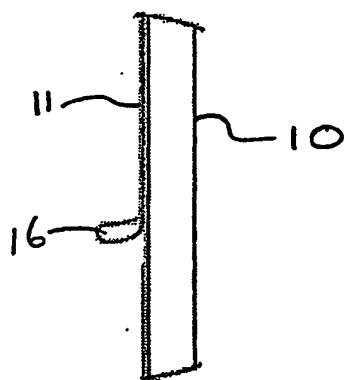


Fig. 3

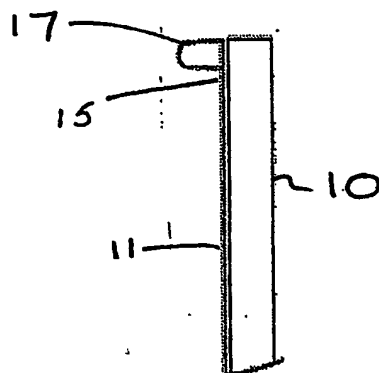


Fig. 4



Fig. 5

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